

How it works

The TAG Handy Purge™ Weld Purge Monitor comes complete and ready to use straight out of the box. It is the most economical user friendly monitor in the market accurately measuring the Oxygen levels in the purged weld areas, to let the welder know when is the correct time to start welding. This reduces waiting time and gas consumption and ensures perfect oxide free welds.

For continuous monitoring during the welding process connect one end of the rubber hose to the sensor adapter and leave the other end outside the purging area to let the residual oxygen flow away from the welding area.

For taking samples connect the stainless steel probe to the sensor adapter. The probe then measures the residual oxygen concentration in the purging/welding area. Also connect the vacuum hand pump to the sensor adapter and squeeze it a couple of times to let a sample of the gas flow to the sensor.

The device's LCD is 13 mm high, which is big enough to identify the displayed values easily also from a distance of a few meters. As soon as the residual oxygen concentration is down to the required minimum, you may start with the welding process.



TECHNICAL SPECIFICATIONS

Part No.	HP100SC
Measuring range	0.01 % - 20.9 % Oxygen (O ₂) (100 ppm - 209000 ppm)
Accuracy	at 20% $\pm$ 0.2% at 2% $\pm$ 0.02%
Dimensions	155 x 81 x 38mm
Power source	Battery Type PP3 9V
Display	LCD (Liquid Crystal Display)
Weight	210 g
DIMENSIONS AND WEIGHT FOR SHIPMENT	
Dimensions	310 x 260 x 80mm
Weight	870g

The kit consists of:

- Handy Purge Weld Purge Monitor
- 1m hose with flow adapter
- Stainless steel probe
- Vacuum hand pump
- Plastic Carry Case
- Instructions
- Calibration Certificate